

OWNER'S MANUAL

NO-PEEP



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Congratulations on your purchase of Timberline Archery Product's No-Peep. The No-Peep is an eye alignment device. Align the dot inside the circle and your eye will be in the exact same position every time. Your eye becomes the rear sight instead of needing something like a peep sight. You will find the No-Peep will improve your accuracy under a number of conditions.

SHOOTING IN LOW LIGHT CONDITIONS

A peep sight reduces the amount of light that reaches your eye. Less light means less visibility of the target and reduced accuracy. The No-Peep makes it easy to shoot with both eyes open. That improves your vision so you can see the line of the heart shot on a target or pick a spot on an animal in low light. The better you can see the target the more accurate you will shoot.

NO-PEEP PARTS LIST

1. Body
2. Fiber Holder
3. Fiber
4. Lens
5. 10-32 x 3/16" set screw
6. Tension Spring
7. Mounting Bracket
8. Angle Bracket
9. 8-32 x 5/16" Flat Head Cap Screw
10. 6-40 x 1/4" Set Screw
11. 8-32 x 3/8" Button Head Cap Screw
12. #8 External Tooth Washer

NOTE - Screw #9 can go through hole A or B and then into either holes C or D of the mounting bracket. Screw #11 can go through the slot on either side of hole A or B.

IMPROVE YOUR FORM

The No-Peep will improve form and accuracy because it points out bow torque, change in hand placement, and tension in your body that causes target panic and punching a release.

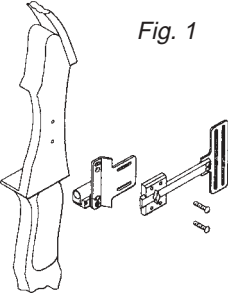
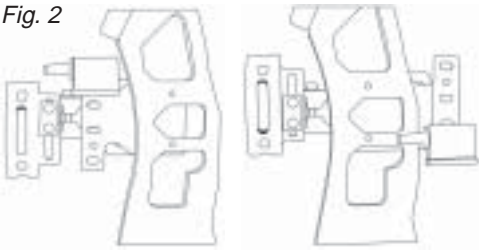
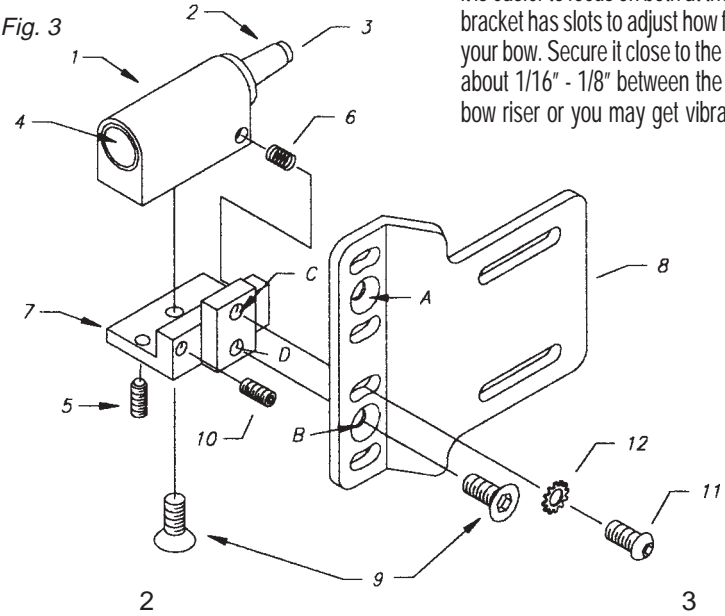


Fig. 1

Fig. 2



The No-Peep may be mounted either above or below your sight pins. It may be mounted between you and the riser or the sight and riser.

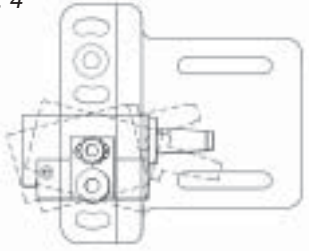


INSTALLING THE NO-PEEP

1. We recommend removing your peep sight before you install the No-Peep. You can keep it on and try to align the No-Peep so your anchor will be the same. There will be some changes though because you will be looking to the side of your string instead of through your string. In addition, we have found that a lot of people have their anchor point based on peep sight location rather than a consistent point they can feel on their face. You can reduce the string tension in a bow press to remove the peep. If you do not have a bow press, you can take an object, like a pen, and force it between the strands of the string separated by the peep. That will take the pressure off the peep so you can slip it out of the string. Then pull the pen out of the string. You may need to back out your limb bolts to reduce string tension.

2. Mount the No-Peep angle bracket under your sight (fig. 1). The 10-24 thread screws that attached your sight to your bow may not be long enough with the addition of the No-Peep angle bracket. There are extra long 10-24 flat head screws included with your No-Peep angle bracket. Use these if necessary. You may also mount the No-Peep out the side of the bow away from you. (fig 2) Sometimes you have to mount it out that side because of the location of your cable guard or other accessories. Some people like it out this side because it puts it closer to the sight pins so it is easier to focus on both at the same time. The angle bracket has slots to adjust how far the No-Peep is from your bow. Secure it close to the bow. You should leave about 1/16" - 1/8" between the angle bracket and the bow riser or you may get vibrations between them.

Fig. 4



Tip - The No-Peep angle bracket may slip between the sight and riser on high vibration bows. Put some contact cement on the angle bracket where it contacts the bow. Not only will that keep it from moving, but you can remove your sight to get at the No-Peep adjusting screws if necessary.

3. **Left hand assembly** - You just flip the No-Peep over and reverse the instructions. It may look different, but functions the same.

4. **Attaching the No-Peep to the angle bracket** - There are 4 mounting locations for the No-Peep on the angle bracket (fig 3). You can mount the No-Peep either above or below your sight pins. If you have a low anchor point, like under your chin, your sight pins will be high in your sight window so you have to mount the No-Peep under your pins. If you have a high anchor point, like the corner of your mouth, your sight pins will be low in the sight window so you have to mount the No-Peep above your sight pins. Attach the No-Peep mounting bracket to the angle bracket with the 8-32 x 5/16" flat head and 8-32 x 3/8" button head screws. The external tooth washer goes on the button head screw (fig 3). The flat head screw goes through either the A or B countersunk hole and into either hole C or D of the mounting bracket. The button head screw goes through any of the 4 slotted holes and into either C or D holes of the mounting bracket (fig 3). Make sure you mount the No-Peep so it does not block your longer distance sight pins or you will have to move it when you sight in.

Tip - Mounting the No-Peep so the light gathering fiber is close to the riser or accessories may reduce the brightness because the skylight can't reach the fiber. It is best to mount the No-Peep out the side of the bow away from the shooter if it is mounted in the upper position. (fig 2)

ADJUSTING THE NO-PEEP

There are 2 adjustments for the No-Peep. The No-Peep rotates up and down on the angle and mounting brackets for the vertical adjustment (fig 4) and rotates left and right on the mounting bracket for horizontal adjustment. (fig 5) The No-Peep does not have to align with your sight pins, arrow, or anything else. It rotates until the dot is inside the green circle.

1. **Rough Adjustment** You need to get the No-Peep close before you do the final small adjustments. It will take several small adjustments to get you close to the final adjustments. You will get a feel for how sensitive the No-Peep is and how far you need to move it. Adjust the No-Peep vertically first. Slightly loosen the flat head and button head screws that attach the mounting bracket to the angle bracket. Loosen them so you can rotate the No-Peep but it will not move on its own. (Fig. 4) Draw your bow to your anchor point. Then move your head until the dot is in the green circle. **Move your head, not the bow.** Then go back to your anchor point. You will have to rotate the No-Peep vertically the same direction that you had to move your head to get back to your anchor point. For example, if you had to move your head up to get back to your anchor point you will have to rotate the No-Peep up. Picture a line from the No-Peep to your eye. Picture the direction that line will move when you rotate the No-Peep. That will help you to remember which way to move it. Adjust the No-Peep so the dot will be slightly below or in the bottom of the green circle. You will use the bottom set screw in the final adjustment to move the dot up into the center of the green circle. The No-Peep is very sensitive. Raising the front of the No-Peep by only 1/32" or rotating it 2 degrees will change your anchor by about 3/4". You may have to also rough in the

Fig. 5



No-Peep horizontally to be able to tell the dot is below the center of the green circle. Slightly loosen the flat head screw on the bottom of the mounting bracket. Then turn the set screw on the side of the mounting bracket to rotate the No-Peep left or right. (Fig. 5) Rotate the No-Peep the direction you have to move your head to get back to your anchor. Tighten the screws that attach the No-Peep to the angle bracket after you have the dot below the center of the green circle. Tighten the button head with the tooth washer first. The No-Peep might rotate if you tighten the flat head screw first. To keep the No-Peep from rotating snug up the button head screw. Then snug up the flat head screws. Then go back and tighten them the rest of the way.

Tip - Make sure your allen wrench is not rounded. That will round the sides of the sockets on the screws so you can't loosen or tighten them. Grind down the end of your allen wrench if the edges aren't flat.

2. Final Adjustment First adjust the No-Peep horizontally. Loosen the flat head screw on the bottom of the No-Peep mounting bracket. Make sure the set screw on the bottom of the mounting bracket is backed out so it is not pushing against the No-Peep body. The No-Peep will be hard to adjust horizontally if the bottom set screw is digging into the body. Adjust the No-Peep horizontally by turning the side set screw.(Fig. 5) **NOTE:** There is a certain amount of tolerance in the screw hole and threads of the flat head locking screw. The No-Peep will change slightly when you tighten the flat head screw. The more you loosen it while adjusting the more it will change when you tighten it.

Now you will move the dot up into the center of the green circle with the bottom set screw. You might want to put some standard strength thread lock on the bottom set screw if you shoot a high vibration bow. Do not put thread lock on the flat head locking screw or you will not be able to loosen it again. Screwing the set screw in will move the dot up. Turning the set screw 1/3 turn will change your anchor point by about 3/16". Tighten the bottom locking flat head screw after the dot is centered in the green circle. It might change slightly when you tighten the locking screw because of the tolerances as well as the set screw will dig into the No-Peep body.

NOTE: It makes no difference if you look to the left or right of the string. It all depends on your anchor point and what makes you comfortable.

The correct adjustment should have the dot centered in the green circle when you are at your anchor point and you should have the string close to your sight pins or No-Peep in your peripheral vision. Your string will give you another alignment or reference. You should be able to draw your bow with your eyes close and the dot should be inside the green circle when you open your eyes. Adjust the No-Peep until the dot is in the circle when you open your eyes.

HOW TO SIGHT

You will need to sight your bow in because the angle bracket has moved your sight out 1/8" and you are no longer looking through the string. You may be anchoring differently also. Start very close to your target so you don't miss. Shoot a couple of arrows. Move your sight the direction you are hitting from where you are aiming. If you hit low left, you move the sight down and to the left.

TIP - You are anchoring too far from your eye and face if your sight is adjusted all the way to the left and you are still shooting left (right handed shooter). Rotate the No-Peep to the right. That will move your eye to the right. Then your arrows will hit to the right so you move your sight to the right. Check which eye you are sighting with if your sight is a long way to the left. Draw your bow and aim at a target. Then close your right eye. You are aiming with your left eye if the No-Peep images disappear.

HOW TO USE THE NO-PEEP WHEN SIGHTING

1. Draw your bow looking at the target and your sight pins. Glance at the No-Peep after you have your sight pin lined up with the target. Move your head for any final adjustment. The dot will be close to the center of the circle in the No-Peep when you draw your bow if it is adjusted correctly. It may take a little practice for you to get consistent with your anchor point.

2. Once the dot of the No-Peep is centered in the circle, only look at the target and sight pin. Your anchor should not change. You will notice any change in your peripheral vision.

SOME USEFUL TIPS

Only read these if you want to save time and frustration

1. Do not keep looking back and forth between the No-Peep and your sight. Your anchor point should not change unless you are at full draw for a long time or torquing your bow.

2. We recommend every once in a while you cover your No-Peep and shoot at 20 yards. You will be surprised how well you can shoot once the No-Peep trains you to use a consistent anchor. That will give you the confidence to not have to look at the No-Peep and you will only see it in your peripheral vision while you are sighting.

3. The No-Peep is very sensitive. The dot does not have to be perfectly centered in the circle to shoot good groups. You can shoot 1" groups at 20 yards if the dot is anywhere inside the green circle.

4. **The No-Peep in the rain** - A few drops on the No-Peep will not affect accuracy. You can still see enough of the circle to find the center. In addition you hopefully have practiced with the No-Peep covered so you can shoot without it if you have to. Wipe the No-Peep clean with a cotton cloth or tissue to remove drops. Make sure you wipe the lens completely dry or it will smear the water and then you will not be able to see anything. You need to either look through the drops or wipe the lens completely dry. Be careful not to scratch the No-Peep lens when wiping it. (See section, "How to Care For Your No-Peep") An application of "Rain-X" with a Q-tip will cause rain to run off the lens.

5. **The No-Peep appears to move** - It is more than likely you or the bow. The No-Peep has double locking on all the adjustments and it is highly unlikely it has moved. You can confirm this by making marks with a pencil on the brackets. You should be able to see that it has physically moved. There is nothing inside that can move. Horizontal movement is usually the result of bow torque or changing your grip on the bow. Bow torque rotates the bow. Picture a straight line coming from the No-Peep to your eye. Now picture what happens if the bow rotates. The line no longer points at your eye and your arrow no longer points at the target. That is why controlling torque is so important (see section on form below). Your string in your peripheral vision is a double check. You should always have the string in the same relationship to your sight pins or No-Peep when the

No-Peep is aligned. You are doing something different if these alignments change. Vertical change is usually caused by a change in your nocking point. The nocking point on a one cam bow is not in the center of the string. You have at least twice as much string above as below the nocking point. The result is the nocking point moves as the string stretches. That makes it appear that the No-Peep has moved. An out of time 2 cam bow also causes the nocking point to move as one cam takes in string faster than the other. Your nocking point or serving might also slip. Check your equipment if the No-Peep appears to have moved. Equipment changes, like adding a bow quiver, can change the balance of the bow and the way you grip it. That may make the No-Peep alignment change slightly.

THE NO-PEEP AND YOUR FORM

One of the biggest advantages of the No-Peep is it reveals bad form. Many people who start using the No-Peep find they have several problems in their form that keeps them from shooting to their potential. Common problems that the No-Peep will tell you are:

Bow Torque - Your bow will rotate in your hand if you grip it too tight. You will notice the dot in the No-Peep will move horizontally or the relationship between the bowstring in your peripheral vision and sight pins will change. Tension in your bow arm will do the same thing. Relax your bow hand or use a bow sling to solve the problem.

Hand Placement - Changing the location or pressure of your hand on the bow grip will cause the arrow to change point of impact left and right. Change your grip and you will notice the relationship between the sight pins and bowstring in your peripheral vision will change when the No-Peep is aligned. Some professional shooters draw a line on their hand between the thumb and index finger and align it with a line on the center of the grip of their bow to make sure they grip it the same every time.

Tension in your body - Tension in your body makes it difficult to hold steady on the target and causes target panic. You will notice the No-Peep moving around if you have tension. A common cause of tension is too long of draw length. You can't shoot relaxed with too long of draw length. Most coaches say 80% of archers have too long of draw length. Your draw length is probably too long if you anchor at the back of your jaw or near your ear. Another common cause is a locked bow arm. Relax your bow arm and grip if you see the No-Peep moving while at full draw.

HOW TO CARE FOR YOUR NO-PEEP

1. The lens is plastic and can be scratched. Blow dirt off the lens and clean with a moist soft cloth or tissue. A Q-Tip works really well to get around the edges. Do not use a paper towel. It will scratch the lens. The images in the No-Peep will get fuzzy or the No-Peep will lose brightness if the lens is dirty or scratched.
2. Do not place your bow so the sun can shine directly into the lens of the No-Peep. It is a magnifying lens and will condense the sun's rays. That can generate enough heat to damage it.
3. Do not get oil, adhesives, thread lock, insect repellent, or solvents on the lens, light gathering fiber or fiber holder.
4. Do not store your bow with the No-Peep in the sun for long periods of time. The sun and high temperature will age the plastic parts.

WARRANTY

Timberline Archery Products, Inc. warrants to the original purchaser that the No-Peep is free from defects in materials or workmanship. The warranty does not cover damage due to normal wear, accident, abuse, alteration, misuse, or improper care. Damage due to abuse or improper care includes but is not limited to: damage to plastic parts caused by chemicals or heat, scratches on the lens, or threads stripped due to being overtightened.

If the No-Peep is defective, contact Timberline Archery Products for a return authorization number. If, after inspection, we find that the No-Peep was defective in material or workmanship, we shall, at our option, either repair or replace it without charge.

There are no other express warranties beyond the terms of this limited warranty. In no event shall Timberline Archery Products be liable for incidental or consequential damages.

Some states do not allow limitations on the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For returns contact:
Timberline Archery Products, Inc.
P.O. Box 333 • Lewiston, ID 83501
Phone (208) 746-2708
www.timberline-archery.com